

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A network-based design service system, comprising:

a design database server ~~for on which storing~~ a design database, containing information on sample circuits, that is ~~registered in advance via a network~~ stored;

a designer terminal, connected to the design database server via a network, the designer terminal comprising inputting means with which for a designer to can search said the design database and conduct the design of a device; and

an account terminal ~~for making~~ which transfers a payment for utilizing the design database from a bank account of the designer.

2. (currently amended) The network-based design service system as set forth in claim 1, wherein

the designer terminal is connected to the design database server via the world wide web and the designer accesses the design database server via a website ~~said designer terminal searches said design database on a WWW site and conducts the design of a the device.~~

3. (currently amended) The network-based design service system as set forth in claim 1, wherein

said account terminal further transfers ~~has a function for paying an employment fee from~~ a bank account of a parts vendor to the bank account of the designer upon employment of a part by the said designer.

4. (currently amended) The network-based design service system as set forth in claim 1, further comprising:

means for notifying ~~other~~ at least one other designer terminals if a problem is found in a sample circuit during the design process for the device.

5. (currently amended) The network-based design service system as set forth in claim 1, further comprising:

means for ~~the designer to conduct circuit design for a the device, and determine parts to~~ employ through conducting a price simulation for meeting a target price of the device and means for conducting a noise simulation for achieving a required noise proof performance.

6. (currently amended) The network-based design service system as set forth in claim 1, further comprising:

means for notifying at least one other designer terminals if a problem is found in a sample circuit-during the design process for a the device; and

~~means for the designer to conduct circuit design for a the device, and determine parts to employ through~~ conducting a price simulation for meeting a target price of the device and means for conducting noise simulation for achieving a required noise proof performance.

7. (currently amended) A network-based design method, comprising ~~the steps of:~~
~~a parts vendor registering on a design database~~ storing information on sample circuits in a design database, advance via a network;
~~a designer searching said design database; and~~
designing ~~conducting the design of a device~~ using sample circuits from the design database; and
making a payment for utilizing the design database from a bank account of a the designer.

8. (currently amended) The network-based design method as set forth in claim 7,
wherein
~~said design step searches said design database on a WWW site and conducts the design of a the device~~ searching the design database comprises accessing the design database via a website.

9. (currently amended) The network-based design method as set forth in claim 7, further
~~comprising the step of:~~

wherein the sample circuits include parts sold by a parts vendor; and

wherein the method further comprises paying an employment fee from a bank account of the parts vendor to the bank account of the designer upon employment of a part by ~~said~~ the designer.

10. (currently amended) The network-based design method as set forth in claim 7, further comprising the step of:

notifying ~~other~~ at least one designer terminals if a problem is found in a sample circuit during the ~~design process for a~~ designing of the device.

11. (currently amended) The network-based design method as set forth in claim 7, ~~comprising the step of~~ wherein designing the device comprises:

~~the designer conducting circuit design for a the device, and determining parts to employ through a~~ price simulation for meeting a target price of the device;

conducting a and-noise simulation for achieving a required noise proof performance; and
designing the device based on a result of the price simulation and a result of the noise simulation.

12. (currently amended) The network-based design method as set forth in claim 7, further comprising the steps of:

notifying ~~other~~ at least one designer terminals if a problem is found in a sample circuit during the designing the ~~design process for~~ device; and

wherein designing the device comprises:

~~the designer conducting circuit design for a the device, and determining parts to~~
~~employ through a price simulation for meeting a target price of the device;~~

~~conducting a and-noise simulation for achieving a required noise proof~~
~~performance; and~~

~~designing the device based on a result of the price simulation and a result of the~~
~~noise simulation.~~

13. (currently amended/withdrawn) A network-based design service system, comprising:
~~a design database server~~means for storing, via a network, a design database containing
information on sample circuits ~~that are registered in advance via a network~~; and
~~a designer terminal~~means for a designer to search said design database via the network
and to conduct the design of a device utilizing the sample circuits.

14. (currently amended/withdrawn) The network-based design service system as set forth
in claim 13, wherein

the means for the designer to search said design database comprises means for the
designer to access the design database via a webpage~~said designer terminal searches said design~~
~~database on a WWW site and conducts the design of a the device.~~

15. (currently amended/withdrawn) The network-based design service system as set forth in claim 13, further comprising:

~~means for the designer to determine if there is notifying other designer terminals if a problem is found in a sample circuit; and~~

means for notifying at least one designer terminal of a problem found in a sample circuit during the design process for a the device.

16. (currently amended/withdrawn) The network-based design service system as set forth in claim 13, further comprising:

means for conducting a price simulation for meeting a target price of the designed device;

means for conducting a noise simulation for achieving a required noise proof performance of the designed device~~means for the designer to conduct circuit design for a the device, and determine parts to employ through price simulation for meeting a target price of the device and noise simulation for achieving a required noise proof performance.~~

17. (currently amended/withdrawn) The network-based design service system as set forth in claim 13, further comprising:

means for the designer to determine if there is a problem is in a sample circuit;

means for notifying at least one designer terminal of a problem found in a sample circuit;

means for conducting a price simulation for meeting a target price of the designed device;

and

means for conducting a noise simulation for achieving a required noise proof

performance of the designed device~~means for notifying other designer terminals if a problem is found in a sample circuit during the design process for a the device; and~~

~~means for the designer to conduct circuit design for a the device, and determine parts to employ through price simulation for meeting a target price of the device and noise simulation for achieving a required noise proof performance.~~

18. (previously presented) The network-based design service system as set forth in claim 1, wherein the design database further comprises information on an anti-noise circuit.

19. (currently amended) The network-based design service system as set forth in claim 1, wherein the design database further comprises information on parts of the sample circuits and vendors that supply the parts.

20. (previously presented) The network-based design service system as set forth in claim 1, wherein the information on sample circuits is registered by a parts vendor.

21. (previously presented) The network-based design service system as set forth in claim 20, wherein the payment is made from the bank account of the designer to a bank account of the parts vendor.

22. (currently amended) The network-based design method as set forth in claim 7, wherein ~~the design database server~~storing information further comprises storing information on an anti-noise circuit in the design database.

23. (currently amended) The network-based design method as set forth in claim 7, wherein ~~the design database~~storing information further comprises storing information on parts of the sample circuits and information on vendors that supply the parts in the design database.

24. (currently amended) The network-based design method as set forth in claim 7, wherein ~~the making the payment is made~~comprises transferring the payment from the bank account of the designer to a bank account of ~~the a~~ parts vendor.

25. (withdrawn) The network-based design service system as set forth in claim 13, wherein the design database further comprises information on an anti-noise circuit.

26. (currently amended/withdrawn) The network-based design service system as set forth in claim 13, wherein the design database further comprises information on parts of the sample circuits and information on vendors that supply the parts.

27. (withdrawn) The network-based design service system as set forth in claim 13, wherein the information on sample circuits is registered by a parts vendor.